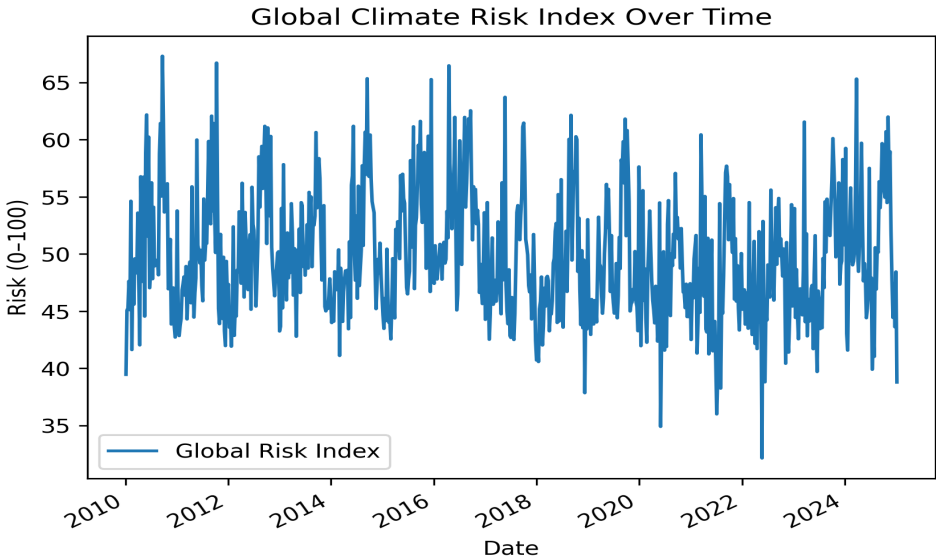


# Soybean Climate Hedging Report

Generated on 2025-11-11 16:18 UTC

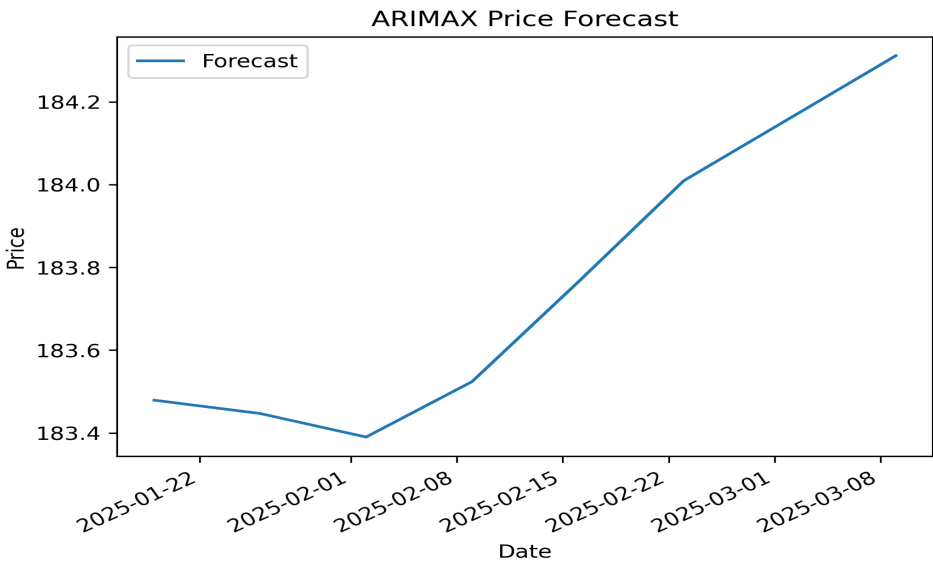
## Global Climate Risk Index

The global climate risk index captures temperature, precipitation, and vegetation anomalies across key producing regions. Values above 70 indicate elevated risk.



## Price Forecasts (ARIMAX Model)

Forecasts are derived from an ARIMAX model using the climate risk index as an exogenous driver. The shaded area represents the 95% confidence interval.



## Hedging Recommendation

Based on your ARIMAX forecast trend, climate risk level, and chosen profile, the following hedging action is suggested:

**Scenario:** baseline

**Risk Score:** 38.8

**Forecast Price:** 184.31

**Recommended Hedge Ratio:** 45.0%

**Instrument:** long call options

**Hedge Notional:** 450.00

Base hedge ratio for balanced profile: 45%. Role: importer → use 'long call options'. Exposure 1000.0 → hedge 450.00 units.

*Disclaimer: This report is for informational purposes only and does not constitute financial advice. Please consult a professional before taking any trading or hedging decisions.*